

**U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE**  
**FORM PTO-1449**  
**OCT 27 2003**  
**TRADEMARK**  
 List of Information Cited by Applicant  
 Page 1 of 1

ATTY. DOCKET NO. GENO.200.1/CIP	SERIAL NO. 10/079,042
APPLICANT MESSIER	
FILING DATE FEBRUARY 19, 2002	GROUP 5992

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AY	Lin et al. (2000) Plant Physiol 122:379-388	
AZ	Nakazono et al. (1996) Curr. Genet. 29:412-416	
AAA		
AAB		
AAC		
AAD		
EXAMINER	HORLICK	
	DATE CONSIDERED	9/21/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

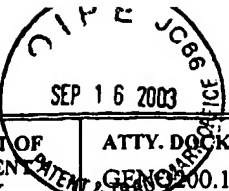
<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  List of Information Cited by Applicant Page 1 of 1	<b>ATTY. DOCKET NO.</b> GENO200.1/CIP	<b>SERIAL NO.</b> 10/079,042
	<b>APPLICANT</b> MESSIER	
	<b>FILING DATE</b> FEBRUARY 19, 2002	<b>GROUP</b>

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
	AA						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
RMA	AB	EP 0332104	09/13/89	EP			
	AC	EP 0359472	03/21/90	EP			
	AD	EP 0385962	09/05/90	EP			
	AE	EP 0452269	10/16/91	EP			
	AF	WO 93/07278	04/15/93	PCT			
	AG	WO 95/16783	06/22/95	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
RMA	AH	Brachmann et al. (1998) Yeast 14:115-132
	AI	Essl et al. (1999) FEBS Letters 453:169-173
	AJ	Firek et al. (1993) Plant Molecular Biology 22:129-142
	AK	Framond et al. (1991) FEBS 290(1,2):103-106
	AL	Goldschmidt-Clermont (1991) Nuc. Acids Res. 19(15):4083-4089
	AM	Hauser et al. (2001) Mol. Mem. Biol. 18:105-112
	AN	Hauser (2000) J. Biol Chem 275:3037-3041
	AO	Horie et al. (2001) Plant J. 27(2):129-138
	AP	Hudspeth et al. (1989) Plant Mol. Biol. 12:579-589
	AQ	Joshi (1987) Nuc. Acids Res. 15(16):6643-6653
	AR	Logeman et al. (1989) Plant Cell 1:151-158
	AS	Lubkowitz et al. (1997) Microbiology 143:387-396
	AT	Matsukura et al. (2000) Plant Physiol 124:85-93
	AU	McBride et al. (1994) Proc Natl Acad Sci USA 91:7301-7305
	AV	Morgenstern (1999) Bioinformatics 15(3):211-218
	AAA	Murray et al. (1989) Nuc. Acids Res. 17(2):477-498
EXAMINER <b>HORLICK</b>		DATE CONSIDERED <b>9/21/04</b>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


  
 SEP 16 2003

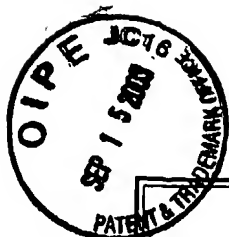
<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF</b> <b>COMMERCE PATENT</b> <b>AND TRADEMARK</b> <b>OFFICE</b>  List of Information Cited by Applicant Page 2 of 2	<b>ATTY. DOCKET NO.</b> GENOMICS 200.1/CIP	<b>SERIAL NO.</b> 10/079,042
<b>APPLICANT</b> MESSIER		
<b>FILING DATE</b> FEBRUARY 19, 2002		<b>GROUP</b>

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	BA						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS ?
	BB						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
RA	BC	Peng et al. (1999) Nature 400:256-261
	BD	Roessner (2001) Plant Cell 13:11-29
	BE	Rohrmeier et al. (1993) Plant Mol. Biol. 22:783-792
	BF	Seki et al. (2001) Plant Cell 13:61-72
	BG	Sengupta-Gopalan et al. (1985) Proc. Natl. Acad. Sci USA 82:3320-3324
	BH	Song et al. (1997) Plant Physiol 114:927-9358
	BI	Stanford et al. (1989) Mol Gen Genet 215:200-208
	BJ	Staub et al. (1993) EMBO Jour. 12(2):601-606
	BK	Steiner et al. (1994) Plant Cell 6:1289-1299
	BL	Steiner et al. (1995) Mol Micro 16(5):825-834
	BM	Svab et al. (1990) Proc Natl Acad Sci USA 87:8526-8530
	BN	Svab et al. (1993) Proc Natl Acad Sci USA 90:913-917
	BO	Warner et al. (1993) Plant Journal 3(2):191-201
	BP	West et al. (1998) Plant Journal 15(2):221-229
	BQ	Wu et al. (2002) Plant Cell 14:525-535
	BR	Xu et al. (1993) Plant Mol Biol 22:573-588
RA	BS	Yan et al. (1997) Plant Physiol 115:915-924
	BT	
	BU	
	BV	

<b>EXAMINER</b> <u>HORLICK</u>	<b>DATE CONSIDERED</b> <u>9/21/04</u>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

Methods to Identify Evolutionarily Significant Changes in  
Polynucleotide and Polypeptide Sequences in in  
Domesticated Plants and Animals

Application Number: 10/079042  
Confirmation Number: 5992  
First Named Applicant: Walter Messier  
Attorney Docket Number: GENO2001CIP  
Art Unit: 1637  
Search string: ( 5451513 or 5545531 or 5545817 or 5545818  
or 5614395 or 5625136 ).pn.

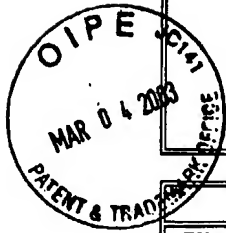
### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5451513	1995-09-19	Maliga et al			
<input checked="" type="checkbox"/>	2	5545531	1996-08-13	Rava et al			
<input checked="" type="checkbox"/>	3	5545817	1996-08-13	McBride et al			
<input checked="" type="checkbox"/>	4	5545818	1996-08-13	McBride et al			
<input checked="" type="checkbox"/>	5	5614395	1997-03-25	Ryals et al			
<input checked="" type="checkbox"/>	6	5625136	1997-04-29	Koziel et al			

Signature

Examiner Name	Date
HORLICK	9/21/04



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  List of Information Cited by Applicant Page 1 of 1	ATTY. DOCKET NO. GENO200.1/CIP	SERIAL NO. 10/079,042
	APPLICANT MESSIER	
	FILING DATE FEBRUARY 19, 2002	GROUP 1637

RECEIVED  
MAR 10 2003  
TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
9/24	AA	5492820	02/20/96	SONNEWALD ET AL.			
	AB						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS ?
	AC						
	AD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
9/24	AE	RAZ ET AL. (1992) MOL GEN GENET 233:252-259
	AF	
	AG	
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	
	AO	
	AP	
	AQ	
	AR	
	AS	
	AAA	
	AAB	
EXAMINER HURLICK		DATE CONSIDERED 9/21/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

RECEIVED

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 3	ATTY. DOCKET NO. GENO200.1/CIP	SERIAL NO. 10/079,042
	APPLICANT MESSIER	
	FILING DATE FEBRUARY 19, 2002	GROUP



TECH CENTER 1600 2900

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
RAA	AA	6,228,586	01/29/99	Messier et al.			
	AB						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
RAA	AC	0 120 658 A	03/10/84	EP			
	AD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
RAA	AE	Alter et al., (1984) Science 226:549-552
	AF	Burger et al. (1994) J. Mol. Evol. 39:255-267
	AG	Doebley et al. (September, 1992) Trends in Genetics 8:(9)302-307
	AH	Doebley et al. (1990) Proc. Natl. Acad. Sci. USA 87:9888-9892
	AI	Dorwieler et al. (1993) Science 262:233-235
	AJ	Edwards et al. (1995) Molecular Ecology 4:719-729
	AK	Endo et al. (1996) Mol. Biol. Evol. 13:685-690
	AL	Fultz et al. (1986) Journal of Virology 38:116-124
	AM	Gibbons (09/04/98) Science 281:1432-1434
	AN	Goodman et al. (1990) J. Mol. Evol. 30:260-266
	AO	Goodwin et al. (1996) Mol. Biol. Evol. 13:346-358
	AP	Herbert and Eastel (1996) Mol. Biol. Evol. 13:1054-1057
	AQ	Hughes (1997) Mol. Biol. Evol. 14:1-5
	AR	Hughes and Nei (1988) Nature 335:167-170
	AS	Jaeger et al. (1994) Immunogenetics 40:184-191
	AAA	Jenkins et al. (1995) Proc. R. Soc. Lond. 261:203-207
RAA	AAB	Kreitman and Akashi, (1995) Annu. Rev. Ecol. Syst. 26:403-422
EXAMINER HORLICK		
DATE CONSIDERED 2/21/04		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. GENO200.1/CIP

SERIAL NO. 10/079,042

APPLICANT MESSIER

FILING DATE FEBRUARY 19, 2002

GROUP

RECEIVED MAY 13 2002 TECH CENTER 1600/2900

Page 2 of 3

MAY 09 2002

U.S. PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	BA					

FOREIGN PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS ?
	BB					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
BC	•	Lee and Vacquier (1992) Biol. Bull. 182:97-104
BD		Lee et al. (1998) AIDS Research and Human Retroviruses 14:1323-1328
BE	•	Li (1997) in Molecular Evolution, Sinauer Associates, Inc. pub., Sunderland, MA, Table of Contents
BF	•	Li, (1993) J. Mol. Evol. 36:96-99
BG	•	Li, (1985) Mol. Biol. Evol. 2:150-174
BH	•	Lienert and Parham (1996) Immunol. Cell Biol. 74:349-356
BI	•	Lyn et al. (1995) Gene 155:241-245
BJ	•	Malcolm et al., Nature 345:86-89 (1990)
BK	•	McDonald and Kreitman (1991) Nature 351:652-654
BL	•	Messier and Stewart, Current Biology 4:911-913
BM	•	Messier and Stewart, (1997) Nature 385:151-154
BN	•	Metz and Palumbi, Mol. Biol. Evol. 13:397-406
BO	•	Nakashima et al. (1995) Proc. Natl. Acad. Sci. USA 92:5605-5609
BP	•	Nei (1987) in Molecular Evolutionary Genetics, Columbia University Press, New York, NY, Table of Contents
BQ	•	Nei and Hughes (1991) in Evolution at the Molecular Level, Selander, R., Clark, A. and Whittam, T. eds. Sinauer Associates, Inc., Pub., Sunderland, Massachusetts, pp. 222-247
BR	•	Niewiesk and Bangham, J. Mol. Evol. 42:452-458
BS	•	Novembre et al. (1997) Journal of Virology 71:4086-4091
BT	•	Parham and Ohta (1996) Science 272:67-74
BU	•	Paterson et al. (1995) Science 269:1714-1718
BV	•	Sharp, Nature 385:111-112 (1997)
EXAMINER HORLICK		
DATE CONSIDERED 7/21/04		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b> List of Information Cited by Applicant Page 3 of 3 MAY 09 2002 OIPE PATENT & TRADEMARK OFFICE	<b>ATTY. DOCKET NO.</b> GENO200.1/CIP	<b>SERIAL NO.</b> 10/079,042
	<b>APPLICANT</b> MESSIER	
	<b>FILING DATE</b> FEBRUARY 19, 2002	<b>GROUP</b> .

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
	CA						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	CB						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
cc	•	Swanson and Vacquier, Proc. Natl. Acad. Sci. USA 92:4957-4961
cd	•	Swanson and Vacquier, Science 281:710-712
ce	•	Turcich et al. (1996) Sex Plant Reprod. 9:65-74
cf	•	Wang et al. (1999) Nature 398:236-239
cg	•	Wettstein et al. (1996) Mol. Biol. Evol. 13:56-66
ch	•	White, S.E. et al. (November 1999) Genetics 153:1455-1462
ci	•	Whitfield et al. (1993) Nature 364:713-715
cj	•	Wilson et al. (Sep. 1999) Genetics 153(1):453-473
ck	•	Wolinsky et al. (1996) Science 272:537-542
cl	•	Wu et al. (1997) J. Mol. Evol. 44:477-491
cm	•	Xiao et al. (Oct. 1998) Genetics 150:899-909
cn	•	Yang (1998) Mol. Biol. Evol. 15:568-573
co	•	Zhou and Li (1996) Mol. Biol. Evol. 13:780-793
EXAMINER <b>HORLICK</b>		DATE CONSIDERED <b>7/21/04</b>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

\\SWANSONBRATS01\COMPANY\Client Folders\Evolutionary Genomics\200-1\CIP\IDS.doc